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ATENT & T	I have by certify that this corresponder to Class Mail in an envelope addreson the date shown below.	nce is being deposited ssed to the Commission	with the US Postal Service with sufficient poner for Patents, Washington, D.C. 20231,	ostage as
	Date: April 15, 2003	В	y: Carol A. See	
			32.37, 1. 332	PATENT Docket No. GC589-4
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	In re Application of)	
	Manley Huang et al.) Group Art Unit: 1636	
	Serial No. 09/938,689		Examiner: Nguyen, Qu	uang
	Filed: August 23, 2001)))	RECEIVED
	For: Transgenic Mammal (Facilitating Production Specific Functional In	n of Donor-)))	APR 2 4 2003
	·	_	nation Disclosure Statement	TECH CENTER 1600/2900
	Commissioner for Patents Washington, DC 20231			
	Sir:			
	Applicants submit herewith	patents, publica	tions or other information (listed	d on the attached
	Form PTO-1449 and attach	ned thereto) of w	hich they are aware, that they b	pelieve may be
	material to the examination	of this application	on and in respect of which there	may be a duty to
	disclose in accordance with	37 CFR §1.56.		
	This Information Disclosure	Statement:		
	(a) <u> </u>	mpanies the nev	v patent application submitted h	erewith. 37 CFR
	three months		onths after the filing date of the of entry into the national stage of 1.	
		r as is known to ction on the mer	the undersigned, is filed before	the mailing date of a

(d) \square is filed after the first Office Action and more than three months after the application filing date or PCT national stage date of entry filing but, as far

rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180.00) set forth in 37 CFR §1.17(p) or a certification as specified in 37 CFR §1.97(e), as checked below. Authorization to charge Deposit Account No. 07-1048 in the amount of \$180.00 to cover the cost of this Information Disclosure Statement is provided in the Transmittal Letter submitted herewith in duplicate. (e) is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by authorization (in the Transmittal Letter submitted herewith in duplicate) to charge Deposit Account No. 07-1048 the fee (\$180.00) set forth in 37 CFR §1.17(I)(1) and a certification as specified in 37 CFR §1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the Supplemental Information Disclosure Statement. [If either of boxes (d) or (e) is checked above, the following "certification" under 37 CFR §1.97(e) may need to be completed.] The undersigned certifies that: Each item of information contained in the Information Disclosure Statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. No item of information contained in this Information Disclosure Statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. A copy of the items on Form PTO-1449 is supplied: PCT International Search Report for PCT/ _____, filed ______ with attached patents and publications. ☐ each ☐ none ☐ only those listed below: Those patent(s) or publication(s) which are marked with an asterisk (*) on the attached Form PTO-1449 are not supplied because they were previously cited by or submitted to the Office in a prior application, Serial No. 09/651,361, filed August 30, 2000, and relied upon in this application for an earlier filing date under 35 USC 120. Also, those patent(s) or publication(s) which are marked two asterisks (**) on the attached Form PTO-1449 (Books not sent) are not supplied. Complete bibliographic information is unknown

as is known to the undersigned, prior to the mailing date of either a final

Serial No. 09/938,689

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or unavailable. The cited publications are books or reference manuals and are commonly available. Reproduction of such publications would result in a voluminous submission.

A concise explanation of relevance of the items listed on PTO-1449 is:

\boxtimes	not given
	given for each listed item
	given for only non-English language listed item(s)
_	in the form of an English language copy of a Search Report from a patent office, issued in a counterpart application, which refers to the office of the references.

The Examiner is reminded that a "concise explanation of the relevance" of the submitted prior art "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention." MPEP §609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR §1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR §1.97(b), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR §1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR §1.98 and MPEP §609 and the Examiner is respectfully requested to consider the listed references.

Respectfully submitted,

Date: 14 April 2003

Kámrin T. MacKnight Registration No. 38,230

Genencor International, Inc. 925 Page Mill Road Palo Alto, CA 94304-1013

Tel: 650 846-5838 Fax: 650 845-6504

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TECH CENTER TONS INFORMATION DISCLOSURE CITATION Attorney Docket No.: GC589-4 Serial No.: 09/938,689 Applicant: Huang et al. Filing Dat: August 23, 2001 **Group: 1636** Page 3 Date of this Submission: April 15, 2003 of <u>6</u> **US PATENT DOCUMENTS** Examiner's **Document** Initial Number **Date** Name Class Class Dat **FOREIGN PATENT DOCUMENTS** Examiner's **Document** Sub-**Translation** Initials Number Date Country Class Class Yes/No **OTHER DOCUMENTS** Examiner's Initials Author, Title, Date, Pertinent Pages, etc. *Hugo, Patrice et al., « Fibroblasts can induce thymocyte positive selection in vivo, « Proc. Natl. Acad. Sci., USA, vol. 90, pp. 10335-10339, November, 1993. *Jaenisch, Rudolf, « Germ line integration and Mendelian transmission of the exogenous Moloney leukemia virus, » Proc. Natl. Acad. Sci. USA, vol. 73, no. 4, pp. 1260-1264, April, 1976. *Jaenisch, Rudolf, « Transgenic Animals, » Science, vol. 240, pp. 1468-1474, 1988. *Jahner, Detlev et al., « Insertion of the bacterial gpt gene into the germ line of mice by retroviral infection, » Proc. Natl. Acad. Sci. USA, vol. 82, pp. 6927-6931, October, 1985. *Jahner, Detley et al., « De novo methylation and expression of retroviral genomes during mouse embryogenesis, » Nature, vol. 298, pp. 623-628, August 12, 1982. *Joyner, Alexandra L. et al., « Production of a mutation in mouse En-2 gene by homologous recombination in embryonic stem cells, » Nature, vol. 338, pp. 153-156, March 9, 1989. *Kapp, Ursula et al., « Treatment of Non-Obese Diabetic (NOD)/Severe-Combined Immunodeficient Mice (SCID) with flt3 Ligand and Interleukin-7 Impairs the B-Lineage Commitment of Repopulating Cells after Transplanation of Human Hematopoietic Cells, » Blood, vol. 92, no. 6, pp. 2024-2031, September 15, 1998. *Keown, Wayne A. et al., « Methods for Introducing DNA into Mammalian Cells, » Methods in Enzymology, vol. 185, pp. 527-537, 1990. *Kim, Hyung-Suk et al., « Recombinant fragment assay for gene targetting based on the polymerase chain reaction, » Nucleic Acid Res., vol. 16, pp. 8887-8903, 1988. *Lapidot, Tsvee et al., « Immune-deficient SCID and NOD/SCID mice models as functional assays for studying normal and malignant human hematopoiesis, « J. Mol. Med., vol. 75, pp. 664-673, 1997. *Longo, Dan L. et al., « Early Appearance of Donor-Type Antigen-Presenting Cells in the Thymuses of 1200 R Radiation-Induced Bone Marrow Chimeras Correlates with Self-Recognition of Donor I Region Gene Products, » The Journal of Immunology, vol. 130, no. 6, June, 1983. *Longo, Dan L. et al., « Bone marrow-derived thymic antigen-presenting cells determine self-recognition of la-restricted T lymphocytes, » Proc. Natl. Acad. Sci., USA, vol. 82, pp. 5900-5904, September, 1985. Examiner **Date Considered** Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation

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